

noTMailBox HelpTRUEMAILBOXyesyes29/06/95

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Help file produced by **HELLLP!** v2.4b , a product of Guy Software, on 6/29/95 for Unregistered User.

The above table of contents will be automatically completed and will also provide an excellent cross-reference for context strings and topic titles. You may leave it as your main table of contents for your help file, or you may create your own and cause it to be displayed instead by using the I button on the toolbar. This page will not be displayed as a topic. It is given a context string of \_\_ and a HelpContextID property of 32517, but these are not presented for jump selection.

HINT: If you do not wish some of your topics to appear in the table of contents as displayed to your users (you may want them ONLY as PopUps), move the lines with their titles and contexts to below this point. If you do this remember to move the whole line, not part. As an alternative, you may wish to set up your own table of contents, see Help under The Structure of a Help File.

Do not delete any codes in the area above the Table of Contents title, they are used internally by HELLLP!

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## Using the TMailbox Component

properties

methods



The *StarTech* TMailbox component facilitates the task of retrieving and organizing electronic mail by providing storage for messages. To create a mailbox system or to open an existing mailbox system, set the MailboxDirectory property. A mailbox system consists of at least three mailboxes, *In*, *Out* and *Trash*. Additional mailboxes can be created using the CreateMailBox method. The list of mailboxes in the system is stored in MailBoxes.

Before working with a mailbox, it should be selected using the CurrentMailboxNumber or CurrentMailBoxName property. The CurrentMailboxMessages property gives the count of messages in the currently selected mailbox. The CurrentMailboxSize and CurrentMailboxTrash properties give the size of the mailbox and size of the trash area in bytes of the current mailbox.

To add a message to a mailbox, set the Msg\_Text, Msg\_From, Msg\_To, Msg\_Date, Msg\_part and Msg\_Subject property and call the AddMail method. To retrieve a message from a mailbox, set the Msg\_Number property to the desired message number and call the LoadMail method. The message will be retrieved and stored in the Msg\_Text property. The Msg\_From, Msg\_To, Msg\_Date, Msg\_Subject, Msg\_Size, Msg\_part, Msg\_Lines and Msg\_Flag will contain the messages sender, recipient, date, subject, size in bytes, part, number of lines and flag respectively.

A message can be deleted using the DeleteMail method. A message can also be transferred to another mailbox using the TransferTo method.

The Compress method compresses the current mailbox after messages have been deleted. The EmptyTrash method clears the *Trash* mailbox of all messages.

## The CreateMailbox Method

**Applies to:**

TMailbox

**Declaration:**

```
procedure CreateMailBox(name: string);
```

**Description:**

The CreateMailbox method creates a mailbox with the name given in the *name* parameter. The mailbox name should be one to eight characters long and should be comprised of only alphanumeric characters. This call will fail if *name* is invalid or a mailbox *name* already exists

## The AddMail Method

**Applies to:**

TMailbox

**Declaration:**

procedure AddMail;

**Description:**

The AddMail Method adds the message stored in Msg\_Text to the current mailbox. The Msg\_Subject, Msg\_Date, Msg\_From , Msg\_To and Msg\_part property should also be set prior to calling the AddMail method.

**See Also:**

Msg\_Text property

Msg\_Subject property

Msg\_Date property

Msg\_From property

Msg\_To property

Msg\_Part property

## The LoadMail Method

**Applies to:**

TMailbox

**Declaration:**

procedure LoadMail;

**Description:**

The LoadMail method loads the message specified in Msg\_Number into the Msg\_Text property.

**See Also:**

Msg\_Number property

## The DeleteMail Method

**Applies to:**

TMailbox

**Declaration:**

procedure DeleteMail;

**Description:**

The DeleteMail method deletes the message specified in Msg\_Number from the current mailbox. When a message is deleted, the entry for the message is removed from the index file, but the message body still takes up space in the mailbox file, until the Compress method is called

**See Also:**

Msg\_Number property

Compress Method



## The TransferTo method

**Applies to:**

TMailbox

**Declaration:**

```
procedure TransferTo(name: string);
```

**Description:**

The TransferTo method transfer the message specified in Msg\_Number to the mailbox specified in the *name* parameter. When a message is transferred, the entry for the message is removed from the index file, but the message body still takes up space in the mailbox file, until the Compress method is called

**See Also:**

Msg\_Number property

Compress Method

## The Compress Method

**Applies to:**

TMailbox

**Declaration:**

procedure Compress;

**Description:**

When a message is deleted or transferred, the entry for the message is removed from the index file, but the message body still takes up space in the mailbox file, until the Compress method is called. The Compress method rebuilds the mailbox file for the mailbox specified in CurrentMailboxName or CurrentMailboxNumber.

**See Also:**

CurrentMailboxName property

CurrentMailboxNumber property

## The EmptyTrash Method

**Applies to:**

TMailbox

**Declaration:**

procedure EmptyTrash;

**Description:**

The EmptyTrash procedure empties the *Trash* mailbox. This procedure is provided for implementations where message deletion is accomplished by transferring the message to the *Trash* mailbox.

## The MailboxDirectory property

**Applies to:**

TMailbox

**Declaration:**

property MailboxDirectory: string;

**Description:**

The Mailbox directory specifies the location of the mailbox system. This is the first property that should be set. If a mailbox system is not found in the specified directory, a default mailbox system is created. A default mailbox system consists of an *In*, *Out* and *Trash* mailbox. Setting the MailboxDirectory property updates the Mailboxes property and sets the current mailbox to the *In* mailbox.

**See Also:**

Mailboxes property

## The MailBoxes Property

**Applies to:**

TMailbox

**Declaration:**

property Mailboxes: TStrings;

**Description:**

The Mailboxes property contains the list of mailboxes contained in the mailbox system.

## The CurrentMailBoxName Property

**Applies to:**

TMailbox

**Declaration:**

property CurrentMailboxName: string;

**Description:**

The CurrentMailboxName property contains the name of the current mailbox. Setting the CurrentMailboxName property to a valid mailbox name will change the current mailbox and update the CurrentMailboxNumber property. Mailbox names are not case sensitive. When the current mailbox is changed, the CurrentMailboxMessages, CurrentMailboxSize and CurrentMailboxTrash properties are updated.

**See Also:**

CurrentMailboxNumber property

CurrentMailboxMessages property

CurrentMailboxSize property

CurrentMailboxTrash property

## The CurrentMailboxNumber Property

**Applies to:**

TMailbox

**Declaration:**

property CurrentMailboxNumber: string;

**Description:**

The CurrentMailboxNumber property contains the number of the current mailbox. Setting the CurrentMailboxNumber property to a valid mailbox name will change the current mailbox and update the CurrentMailboxName property. Mailboxes are numbered starting with one. When the current mailbox is changed, the CurrentMailboxMessages, CurrentMailboxSize and CurrentMailboxTrash properties are updated.

**See Also:**

CurrentMailboxName property  
CurrentMailboxMessages property  
CurrentMailboxSize property  
CurrentMailboxTrash property

## The CurrentMailboxMessages Property

**Applies to:**

TMailbox

**Declaration:**

property CurrentMailboxMessages:integer

**Description:**

The CurrentMailboxMessages property contains the number of messages in the current mailbox. This property is automatically updated when the CurrentMailboxName or CurrentMailboxNumber is changed, or after a call to the AddMail, DeleteMail or TransferTo method.

**See Also:**

CurrentMailboxName property  
CurrentMailboxNumber property



## The CurrentMailboxSize Property

**Applies to:**

[TMailbox](#)

**Declaration:**

property CurrentMailboxSize:Longint;

**Description:**

The CurrentMailboxSize property contains the size of the current mailbox in bytes. This property is automatically updated when the [CurrentMailboxName](#) or [CurrentMailboxNumber](#) is changed, or after a call to the [AddMail](#) or [Compress](#) method. Note that a call to the [DeleteMail](#) or [TransferTo](#) method does not change the size of the mailbox.

**See Also:**

[Compress Method](#)

[CurrentMailboxName property](#)

[CurrentMailboxNumber property](#)

## The CurrentMailboxTrash property

**Applies to:**

TMailbox

**Declaration:**

property CurrentMailboxTrash:Longint;

**Description:**

The CurrentMailboxTrash property contains the size of the current mailbox trash in bytes. This property is automatically updated when the CurrentMailboxName or CurrentMailboxNumber is changed, or after a call to the DeleteMail, TransferTo or Compress method. The Compress method eliminates all the trash from the current mailbox.

**See Also:**

Compress Method

CurrentMailboxName property

CurrentMailboxNumber property

## The Msg\_Text Property

**Applies to:**

TMailbox

**Declaration:**

property Msg\_Text: TStrings;

**Description:**

The Msg\_Text property contains the text of a message following a call to the LoadMail method. The Msg\_Text property should also be set prior to calling the AddMail method.

## The Msg\_From property

**Applies to:**

TMailbox

**Declaration:**

property Msg\_From: string;

**Description:**

The Msg\_From property contains the sender of a message. The Msg\_From property is updated after the Msg\_Number property is set. This property should also be set prior to calling the AddMail method.

**See Also:**

Msg\_Number property

AddMail method

## The Msg\_Date property

**Applies to:**

TMailbox

**Declaration:**

property Msg\_Date: string;

**Description:**

The Msg\_Date property contains the date of a message. The Msg\_Date property is updated after the Msg\_Number property is set. This property should also be set prior to calling the AddMail method.

**See Also:**

Msg\_Number property

AddMail method

## The Msg\_To Property

**Applies to:**

TMailbox

**Declaration:**

property Msg\_To: string;

**Description:**

The Msg\_To property contains the recipient of a message. The Msg\_To property is updated after the Msg\_Number property is set. This property should also be set prior to calling the AddMail method.

**See Also:**

Msg\_Number property

AddMail method

## The Msg\_Subject Property

**Applies to:**

TMailbox

**Declaration:**

property Msg\_Subject: string;

**Description:**

The Msg\_Subject property contains the subject of a message. The Msg\_Subject property is updated after the Msg\_Number property is set. This property should also be set prior to calling the AddMail method.

**See Also:**

Msg\_Number property

AddMail method

## The Msg\_Lines Property

**Applies to:**

TMailbox

**Declaration:**

property Msg\_Lines: Longint;

**Description:**

The Msg\_Lines property contains the number of lines in the current message. The Msg\_Lines property is updated after the Msg\_Number property is set.

**See Also:**

Msg\_Number property



## The Msg\_Size Property

**Applies to:**

TMailbox

**Declaration:**

property Msg\_Size: Longint;

**Description:**

The Msg\_Size property contains the size of the current message. The Msg\_Size property is updated after the Msg\_Number property is set.

**See Also:**

Msg\_Number property

## The Msg\_Number Property

### Applies to:

TMailbox

### Declaration:

property Msg\_Size: Longint;

### Description:

The Msg\_Size property contains the number of the current message. When the Msg\_Number property is set, the Msg\_From, Msg\_To, Msg\_Subject, Msg\_Date, Msg\_Lines, Msg\_Size, Msg\_Flag and Msg\_Part properties are updated. Note that the message text is not loaded in Msg\_Text until the LoadMail method is called.

### See Also:

Msg\_Subject property

Msg\_Date property

Msg\_From property

Msg\_To property

Msg\_Part property

Msg\_Lines property

Msg\_Size property

Msg\_Flag property

## The Msg\_Part Property

**Applies to:**

TMailbox

**Declaration:**

property Msg\_Part: integer;

**Description:**

The Msg\_Part property contains the part of a message, for large messages over 64K that have to be split up in several parts. The Msg\_Part property is updated after the Msg\_Number property is set. This property should also be set prior to calling the AddMail method.

**See Also:**

Msg\_Number property

AddMail method

## The Msg\_Flag Property

**Applies to:**

TMailbox

**Declaration:**

property Msg\_Flag: Char;

**Description:**

The Msg\_Flag property contains the flag for the current message. The Msg\_Flag property is updated after the Msg\_Number property is set. This property is automatically set to U (for unread) during the AddMail method. Setting the Msg\_Flag property will update the flag for the current message.

**See Also:**

Msg\_Number property

AddMail method

CurrentMailboxMessages

CurrentMailBoxName

CurrentMailboxNumber

CurrentMailboxSize

CurrentMailboxTrash

MailboxDirectory

MailBoxes

Msg\_Date

Msg\_Flag

Msg\_From

Msg\_Lines

Msg\_Number

Msg\_Part

Msg\_Size

Msg\_Subject

Msg\_Text

Msg\_To

CreateMailbox

AddMail

LoadMail

DeleteMail

TransferTo

Compress

EmptyTrash

